REMARKS

Introduction

Claims 1-33 are pending in the application. Reconsideration of the rejection of the application is respectfully requested in view of the following remarks.

The Claims are Allowable over the Prior Art because the Prior Art Fails to Disclose the Generation of a Web Page Using a Master Specification with Variable Controls, and a Subordinate Specification with Control Values Supplied as the Variable Controls

Claims 1-23, 26-29, 32 and 33 were rejected under 35 U.S.C. §103(a) as being unpatentable over Ferrel, U.S. Patent No. 5,860,073 ("Ferrel '073"), in view of Brintzenhofe, U.S. Patent Pub. No. 2003/0079177 ("Brintzenhofe"), further in view of Ferrel, U.S. Patent No. 6,199,082 ("Ferrel '082"). Claims 25 and 31 were rejected under 35 U.S.C. §103(a) as being unpatentable over Ferrel '073, in view of Keating (U.S. Patent Pub. No. 2002/0052895). Claims 24 and 30 were rejected under 35 U.S.C. §103(a) as being unpatentable over Ferrel '073, in view of Lie, "*Cascading Style Sheets, level 1*" ("Lie"). Reconsideration of these rejections is respectfully requested because the combination of the prior art fails to disclose or suggest, at least, a "first subordinate style specified as first subordinate control values" and a resultant web page that includes "a first merged style that comprises the first subordinate style merged into the common style" that is generated by "supplying the first subordinate control values as the variable controls," as recited in claim 1.

One embodiment is a method and system that provides a common design for a web site or a web based application that includes multiple related web pages. *See* U.S. Pat. Pub. No. 2002/0138516 (the publication no. of the present application), ¶¶2 and 7.

A master specification 202 is generated that includes a common style, navigation arrangement and/or content placement for the web pages. *See id.,* ¶ 22. A subordinate web page specification 204/206 is generated for each web page of the web site and includes content for the web pages. *See id.,* ¶ 27.

Master specification 202 includes <head>/control section 212 which includes a style specification and/or navigation specification for the common design of the web pages. *See id.,* ¶ 23. Control section 212 may include "variable controls." *See id.,* ¶ 26. "Each subordinate web page specification 204/206 may specify additional controls in <head> section 222". *See id.,* ¶ 24. The controls include style elements. *See, e.g., id.* at ¶ 6. The additional controls may be in the form of "control values". *See id.,* ¶ 26. When generating a web page, a "generator 240 merges the additional control information specified in <head> section 222 of subordinate web page specification 204 into the adopted <head> section (block 304)". *See id.,* ¶ 29. The merging may include providing the control values as the variable controls. *See id.,* ¶ 26. Therefore, style from the subordinate web page is merged with common style from the master specification.

Ferrel '073 discloses style sheets for a publishing system. A "story object" makes reference to a style sheet 443 before being rendered on page 434. Ferrel '073, col. 19, ll. 36-38. The style sheet includes formatting information, including "properties of the paragraphs, fonts and embedded objects in the story that format the content as it was originally designed. Ferrel '073, col. 19, 39-44. However, Ferrel '073, as acknowledged by the Office Action, fails to disclose the generation of a web page using a master specification with variable controls, and a subordinate specification with control

values that are supplied as the variable controls.   Brintzenhofe and Ferrel '082 do not cure these deficiencies in Ferrel '073.

Brintzenhofe discloses a method that fits content elements of a composition to a media layout.   Each content element has an associated content type, and the media layout has a content rendering space for presenting information contained in the content elements. For each content type, a content scale factor is initialized that is indicative of a portion of the content rendering space utilized by the content type.   Also for each content element, extent values are computed using the content scale factors. The extent values are indicative of a portion of the content rendering space occupied by the content element.   It is determined whether the content elements fit within the content rendering space of the media layout.   If the content elements do not fit within the media layout, then for each content type, determining an associated non-fit factor, recomputing the content scale factors for each content type based at least in part upon the non-fit factors, recomputing the extent values for each content element using the recomputed content scale factors, determining whether the content elements now fit in the content rendering space of the media layout, and repeating these steps until it is determined that the content elements fit within the content rendering space of the media layout. *See* Brintzenhofe at ¶ 12.

Brintzenhofe, as acknowledged by the Office Action, fails to disclose or suggest the generation of a web page using a master specification with variable controls, and a subordinate specification with control values that are supplied as the variable controls. Ferrel '082 fails to cure the deficiencies in Ferrel '073 and Brintzenhofe.

Ferrel '082 discloses a multimedia publishing system where the format and

content can be separated and uploaded to a server by a publisher. Usually, the format

used by publishers remains reasonably constant over time, contrasted with the content

which changes on a regular basis. As content changes on a regular basis, the publisher

uploads only the new content to the server. When clients or customers access the

server's content, the server downloads the format and content to the user's computer.

Subsequent downloads of content transmits only the content since the format is cached

on the customer's computer after the first download. If the publisher desires to change

the format at a subsequent time, the next download of content by the customer

downloads both the new layout format and the new content. This publication scheme

minimizes the transmission of data in bandwidth limited environments.   *See* Ferrel '082

at Abstract.

Accordingly, Ferrel '082 only discloses a single specification with separate

content and layout designs.   However, Ferrel '082 does not disclose the generation of

a web page using a master specification with variable controls, and a subordinate

specification with control values that are supplied as the variable controls.   Rather,

Ferrel '082 only discloses that a publisher can modify existing layout objects or add new

layout objects, and similarly can add or modify content objects.   See Ferrel at col. 19, ll.

40-49.

In contrast, embodiments of the invention provide variable controls that may be

specified for the common design in the control (<head>) section 212 of master

specification 202, with the control values for the variable controls to be supplied by the

subordinate web page specifications 204.   *See* U.S. Pat. Pub. No. 2002/0138516 (the

publication no. of the present application), ¶26.   None of the cited references disclose

or suggest such a configuration.

Accordingly, Applicants submit that the combination of Ferrel '073, Brintzenhofe, and Ferrel '082 fail to disclose or suggest, at least, a "first subordinate style specified as first subordinate control values" and a resultant web page that includes "a first merged style that comprises the first subordinate style merged into the common style" that is generated by "supplying the first subordinate control values as the variable controls," as recited in claim 1.

For at least these reasons, claim 1, and claims 6, 16, 19, 22 and 28, which recite similar limitations, should now be allowable over the cited prior art. The remaining claims depend from either claim 1, 6, 16, 19, 22 or 28, and should also be allowable for at least the above reasons.

Conclusion

Applicant respectfully requests favorable action in connection with this application.

The Examiner is invited and urged to contact the undersigned to discuss any matter concerning this application.

No fee should be required for this submission. However, should any fee be required, the Commissioner is authorized to charge any such fee to Counsel's Deposit Account 50-2222.

Respectfully submitted,

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